

6/20/07

PTO/SB/08a (08-03 )

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE









Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10675777
Filing Date		2003-09-30
First Named Inventor	DeWitt, Jr. et al.	
Art Unit	2193	
Examiner Name	Chavis, John Q.	
Attorney Docket Number	AUS920030477US1	



## U.S. PATENTS

Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5970439		1999-10-19	Levine et al.	
	2	6961681	B1	2005-11-01	Choquier et al.	
	3	6918106	B1	2005-07-12	Burridge et al.	
	4	6775825	B1	2004-08-10	Grumann et al.	
	5	6601233	B1	2003-07-29	Underwood	
	6	6256771	B1	2001-07-03	O'Neil et al.	
	7	6966057	B2	2005-11-15	Lueh	
	8	7131115	B2	2006-10-31	Hundt et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10675777
Filing Date	2003-09-30
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2193
Examiner Name	Chavis, John Q.
Attorney Docket Number	AUS920030477US1



	9	6349406	B1	2002-02-19	Levine et al.	
	10	5708803		1998-01-13	Ishimi et al.	
	11	6848030	B2	2005-01-25	Tokar et al.	
	12	6832296	B2	2004-12-14	Hooker	
	13	5544342		1996-08-06	Dean	
	14	5603004		1997-02-11	Kurpanek et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20030135719	A1	2003-07-17	DeWitt, Jr., et al.	
	2	20040049712	A1	2004-03-11	Betker et al.	
	3	20030225917	A1	2003-12-04	Partamian et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10675777
Filing Date	2003-09-30
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2193
Examiner Name	Chavis, John Q.
Attorney Docket Number	AUS920030477US1

	4	20030191900	A1	2003-10-09	Hooker	
--	---	-------------	----	------------	--------	--

If you wish to add additional U.S. Published Application citation information please click the Add button. **Add**

**FOREIGN PATENT DOCUMENTS**

**Remove**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button. **Add**

**NON-PATENT LITERATURE DOCUMENTS**

**Remove**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button. **Add**

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	8/30/07
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

3/27/07

PTO/SB/08a (08-03 )



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10675777
Filing Date	2003-09-30
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2193
Examiner Name	Chavis, John Q.
Attorney Docket Number	AUS920030477US1

U.S. PATENTS						<a href="#">Remove</a>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6542985		2003-04-01	Johnson et al.	
	2	4316245		1982-02-16	Luu et al.	
	3	7181723		2007-02-20	Luk et al.	
	4	6961925		2005-11-01	Callahan, II et al.	
	5	5950003		1999-09-30	Kaneshiro et al.	
	6	5212794		1993-05-18	Pettis et al.	
	7	5659679		1997-08-19	Alpert et al.	
	8	6006033		1999-12-21	Heisch	


**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10675777
Filing Date		2003-09-30
First Named Inventor	DeWitt, Jr. et al.	
Art Unit	2193	
Examiner Name	Chavis, John Q.	
Attorney Docket Number	AUS920030477US1	

	9	6119075		2000-09-12	Dean et al.	
	10	6189141	B1	2001-02-13	Benitez et al.	
	11	6237141	B1	2001-05-22	Holzle et al.	
	12	6351844	B1	2002-02-26	Bala	
	13	6505292	B1	2003-01-07	Witt	
	14	6631514	B1	2003-10-07	Le	
	15	5794028		1998-08-11	Tran	
	16	5950009		1999-09-07	Bortnikov et al.	
	17	5950003		1999-09-07	Kaneshiro et al.	
	18	5581778		1996-12-03	Chin et al.	
	19	5752062		1998-05-12	Gover et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10675777
Filing Date	2003-09-30
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2193
Examiner Name	Chavis, John Q.
Attorney Docket Number	AUS920030477US1



	20	6446029	B1	2002-09-03	Davidson et al.	
--	----	---------	----	------------	-----------------	--

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S. PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040194076	A1	2004-09-01	Comp et al.	
	2	20020073406	A1	2002-06-13	Gove	
	3	20030014741	A1	2003-01-16	Megiddo et al.	
	4	20020157086	A1	2002-10-24	Lewis et al.	
	5	20030040955	A1	2003-02-27	Anaya et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

**FOREIGN PATENT DOCUMENTS**

Remove

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.




Add

**NON-PATENT LITERATURE DOCUMENTS**

Remove

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10675777
Filing Date		2003-09-30
First Named Inventor	DeWitt, Jr. et al.	
Art Unit	2193	
Examiner Name	Chavis, John Q.	
Attorney Docket Number	AUS920030477US1	

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	RAMIREZ et al., "The Effect of Code Reordering on Branch Prediction", Proceedings of the International Conference on Parallel Architectures and Compilation Techniques, October 2000, pp. 189-198.	<input type="checkbox"/>
	2	YANG et al., "Improving Performance by Branch Reordering", Proceedings of the ACM SIGPLAN 1998 Conference on Programming Language Design and Implementation, Montreal Canada, 1008, pp. 130-141.	<input type="checkbox"/>
	3	CONTE et al., "Accurate and Practical Profile-Driven Compilation Using the Profile Buffer", Proceedings of the 29th Annual ACM/IEEE International Symposium on Microarchitecture, Paris, France, 1996, pp. 36-45.	<input type="checkbox"/>
	4	CONTE et al., "Using Branch Handling Hardware to Support Profile-Driven Optimization", Proceedings of the 27th Annual International Symposium on Microarchitecture, San Jose CA, 1994, pp. 12-21.	<input type="checkbox"/>
	5	FISHER, "Trace Scheduling: A Technique for Global Microcode Compaction", IEEE Transactions on Computers, Vol. C30, No. 7, July 1981, pp. 478-490.	<input type="checkbox"/>
	6	CHANG et al., "Using Profile Information to Assist Classic Code Optimizations", Software Pract. Exper. 21, December 1991, pp. 1301-1321.	<input type="checkbox"/>
	7	SCHMIDT et al., "Profile-Directed Restructuring of Operating System Code", IBM Systems Journal, 1998, Vol. 37, No. 2, pp. 270-297.	<input type="checkbox"/>
	8	AHO et al., "Compilers: Principles, Techniques, and Tools", Addison-Wesley, 1988, pp. 488-497.	<input type="checkbox"/>
	9	INTEL, "Intel IA-64 Architecture Software Developer's Manual", Revision 1.1, Vol. 4, No. 245320.002, July 2001.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10675777
Filing Date	2003-09-30
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2193
Examiner Name	Chavis, John Q.
Attorney Docket Number	AUS920030477US1

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	8/30/07
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.